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<b>(21) International Application Number:</b> PCT/GB99/01470 <b>(22) International Filing Date:</b> 10 May 1999 (10.05.99) <b>(71) Applicant (for all designated States except US):</b> THE SECRETARY OF STATE FOR DEFENCE [GB/GB]; Whitehall, London SW1A 2HB (GB). <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> DAWSON, Colin [GB/GB]; DCTA, Science & Technology Division, Flaggstaff Road, Colchester CO2 7SS (GB). VINCENT, Julian [GB/GB]; Reading University, Department of Engineering, P.O. Box 225, Reading RG6 6AY (GB). <b>(74) Agent:</b> SKELTON, S., R.; D/IPR, Formalities Section (Defence Procurement Agency), Poplar 2, MOD Abbey Wood #19, Bristol, BS34 8JH (GB).	<b>(81) Designated States:</b> JP, KR, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). <b>Published</b> <i>With international search report.</i>	
<b>(54) Title:</b> SMART POROUS FILM OR MATERIAL <b>(57) Abstract</b> <p>A smart film or material which automatically controls its porous properties in relation to changes in its local environment thus allowing fluids to pass through the film or material in a controlled fashion.</p>		